

may be given the option of selecting not to maintain the bookmark in the event of a skip.

[0028] In operation, at block 60 in FIG. 4 a user selects a book and a format (audio or visual, or if desired a third selection of “both”). This selection may be facilitated by presenting a list of available titles on the display 26 and in response to a selection of a title, if the title includes both an audio and visual file, a prompt can be presented on the display 26 to select “audio” or “visual” or “both”.

[0029] Once the book and format selections have been received, decision diamond 62 simply indicates that for an audio file, the file is played on the audio output device 46 at block 64. At block 66, if a user skips ahead or back in the audio file using, e.g., a “skip” selector element that may be presented on the display 26, the audio file maintains a bookmark at the location in the audio file being played when the “skip” signal was received. In this way, if the user subsequently turns off the e-book or decides to return, (using, e.g., a “back” selector element on the display 26) to the last location in the event that, e.g., the user becomes lost in the pages, play of the audio file can resume at the last (bookmarked) location.

[0030] Control of the bookmark may remain with the audio file until such time as a “return to bookmark” function is called, e.g., a key on the ebook that is dedicated to that purpose is manipulated, or the visual file utility is invoked, or the e-book is turned off and on. Accordingly, at block 68, if the return to bookmark function is called (by, e.g., turning off the e-book), just prior to deenergizing the bookmark is placed in the audio file at, e.g., the start of the last-played sentence and in the visual file at the location selected by the user at block 58, e.g., at the top of the page in the visual file containing the last-spoken word in the audio file or at the previous section in the visual file, i.e., with the start of a page “n” pages earlier than the page bearing the last-spoken word of the audio file. It is to be understood that during subsequent reenergization the bookmark may be moved along with play of the audio file so that it is always in a current location. Or, the bookmark location need not be continuously updated, and moved to the appropriate location only upon receipt of a deenergization signal.

[0031] On the other hand, if a visual mode was selected the logic proceeds from decision diamond 62 to block 70 to play the visual file by presenting the text from the visual file on the display 26. The user may scroll through the text using principles known in the art to read the visual file. At block 72 bookmark is placed at the correct page or sentence in the audio file at power-down or is updated continuously in the audio file in accordance with principles noted above. Using the data structure shown in FIG. 5, the bookmark may be placed in the audio file at the start of the sentence (or section) that contains the text of the visual file that was presented on the display 26 at power-down or upon receipt of a signal to change mode to audio. Thus, the bookmark is not necessarily placed at the word in the audio file corresponding to the last-highlighted or presented word of the visual file, but rather at the beginning of the sentence of the audio file containing the last displayed word regardless of where that word happens to be in the sentence.

[0032] In this way, if a visual file has control of the bookmark, it can move the bookmark to the corresponding sentence beginning in the audio file, so that the audio file doesn’t annoyingly start mid-word or mid-sentence. In contrast, if the audio file has control of the bookmark, the placement of the

bookmark in the visual can be less selective, e.g., the bookmark is placed at the start of the page of the visual file containing the last-spoken word or even a few pages earlier as described above.

[0033] While the particular ELECTRONIC BOOK WITH ENHANCED FEATURES is herein shown and described in detail, it is to be understood that the subject matter which is encompassed by the present invention is limited only by the claims.

What is claimed is:

1. Electronic book comprising:

a housing;

a visual display supported on the housing;

at least one audio output device on the housing;

a digital processor in the housing and communicating with the visual display and audio output device;

a tangible computer-reader storage medium in the housing and accessible to the processor, electronic book files being stored on the medium for presentation of book information under control of the processor, the processor executing logic comprising:

receiving a user selection to play both an audio file and a visual file simultaneously, both files being associated with an electronic book, one of the audio file and visual file establishing a first file and the other of the audio file and visual file establishing a second file, wherein a user can listen to the audio file while reading the visual file; the first file maintaining control of a bookmark in the first files such that that if the user skips ahead in the second file, the first file maintains a bookmark at a location in the first file being played when a “skip” signal is received in the second file.

2. The electronic book of claim 1, wherein the audio file is by default established to be the first file.

3. The electronic book of claim 1, wherein a user is given a choice to select which file is the first file that maintains control of the bookmark.

4. The electronic book of claim 1, wherein an audio file being played has control of the bookmark in the corresponding video file.

5. The electronic book of claim 1, wherein a video file being played has control of the bookmark in the corresponding audio file.

6. The electronic book of claim 1, wherein the user can select a page location in the visual file to bookmark when an audio file is terminated.

7. The electronic book of claim 1, wherein the page in the visual file corresponding to the last-spoken word in the audio file is the page containing the last-spoken word.

8. The electronic book of claim 1, wherein the page in the visual file corresponding to the last-spoken word in the audio file is a page “n” pages prior to the page in the video file containing the last-spoken word, wherein “n” is an integer.

9. Electronic book comprising:

a housing;

a visual display supported on the housing;

at least one audio output device on the housing;

a digital processor in the housing and communicating with the visual display and audio output device; and

a tangible computer-reader storage medium in the housing and accessible to the processor, electronic book files being stored on the medium for presentation of book information under control of the processor, the medium storing a data structure accessible to the processor syn-